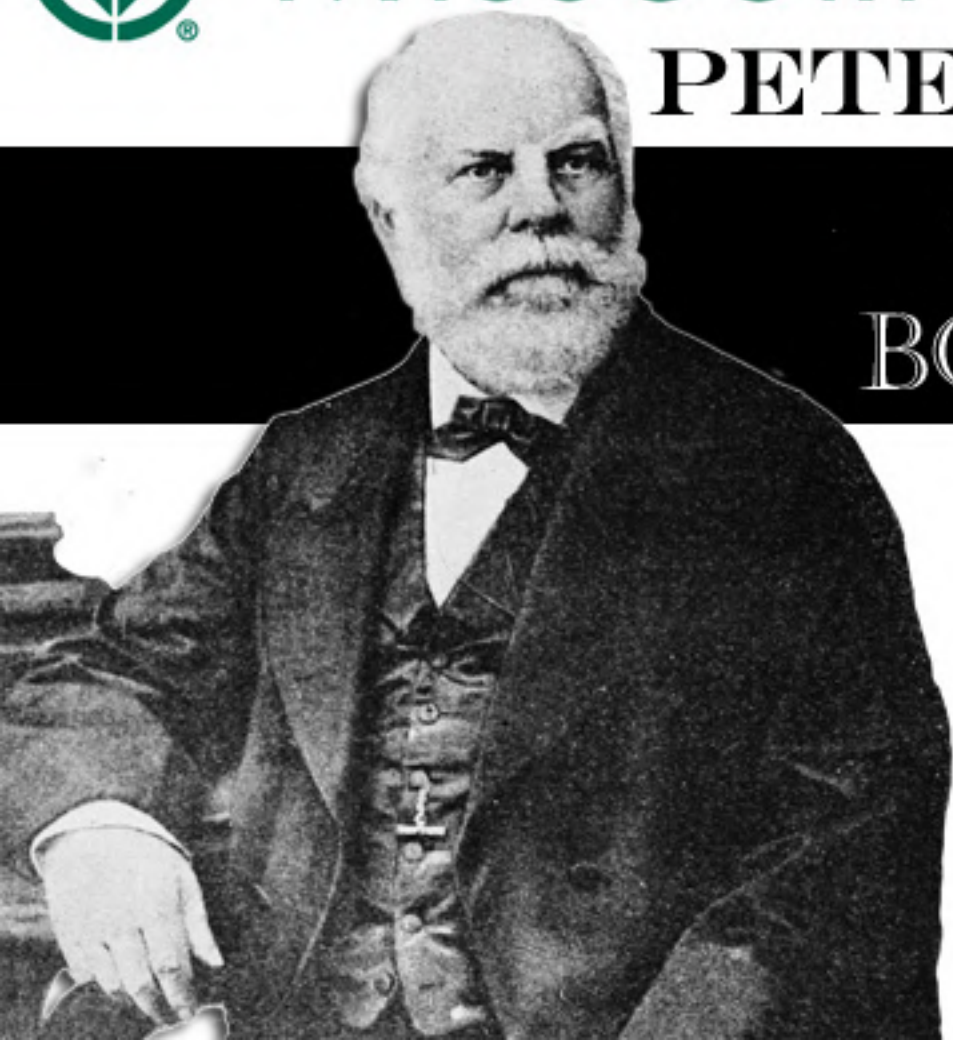


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BOTANICAL NOTEBOOKS



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255  
*C. Gronovii*

var *C. curta* ~~not~~

91. Fremont No. 79 in Hb. Torrey, Hook. & Arnth.  
310 *C. umbrosa* Ayr. Hook Douglas Mts. Ariz.  
Hb. Hook.

(Enclosed 495-497)



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51 C. Gronovii var. <sup>?</sup> curta

Western North America

Fremont 79 in Herb Thory  
Hook & Benth.

<sup>Days</sup>  
C. umbrosa ~~pro~~ <sup>per</sup> Hook. fl. bor. Am.

Douglas N.W. America  
- Hb Hook.



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*Cuscuta curta*

79 Fremont

1845

Caule filiformi, glomerulis paucifloris paniculatis; pedicellis brevissimis bracteatis; calycis lobis ovatis obtusis glanduloso ciliatis, imbricatis tubo corollae exsertis, laciniis erectis s. demum patulis obovatis obtusis, imbricatis duplo longioribus, cylindricis - campanulatis; staminibus brevibus; antheris cordatis sagittatis,

tubo adnatis brevibus filamentis aequalibus; squamis immixtis adnatis brevissimis, dentatis, s. subnullis; ovario magno, ovato - conico, stylis brevissimis inclusis; corolla calyptraeformi ad apicem. Capsula conica baccata peristoma marcescente; apice apertum, styli majoribus; semine verruculosis magnis.



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flowers 1.5-1.5" in long; scales of involucre; capsule 2-2.5 l.  
long; seeds about 1 l. long; — Intermediate: habit between  
*C. Gronovii* & *tenuiflorus*; distinguished by the very short styles  
and slender or absent scales.

Distinct from *C. brachystylis* (42) by the long tube of flower,  
the scales, the shape of anthers.

Also in Hb. Bentham & Hooker — for Torrey  
on *Ribes aureum* or some similar species.

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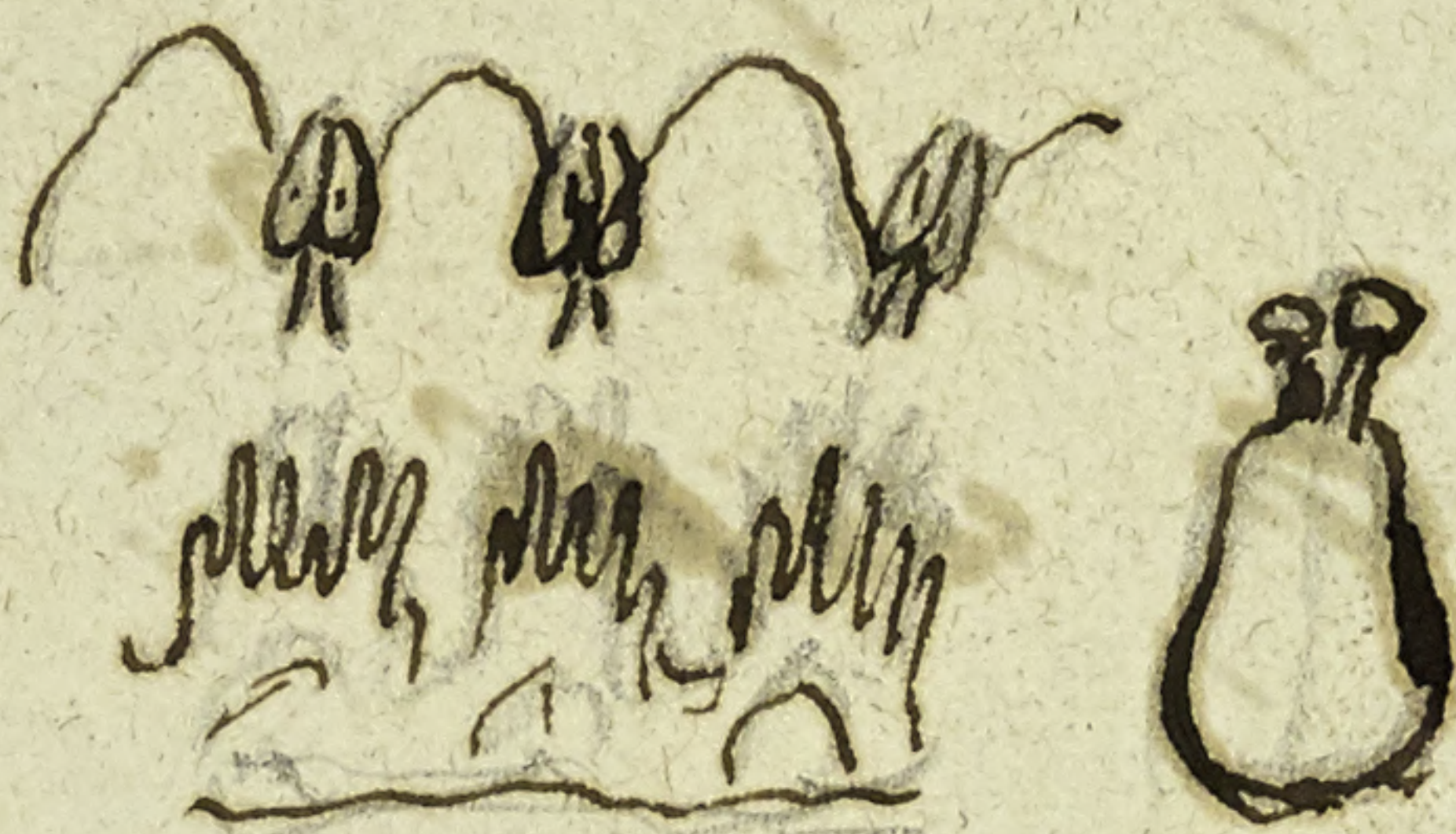
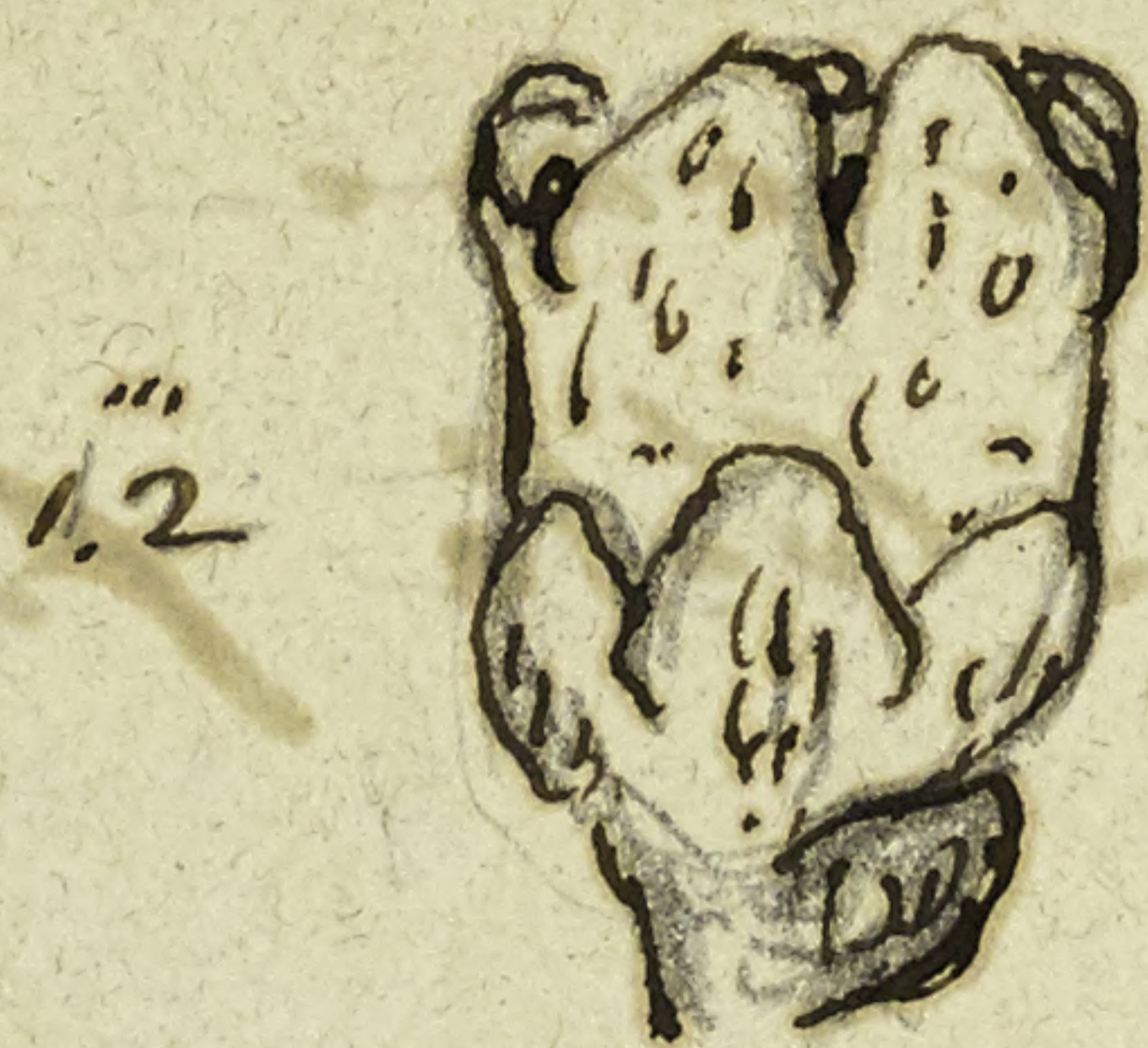
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Kew Aug 1851

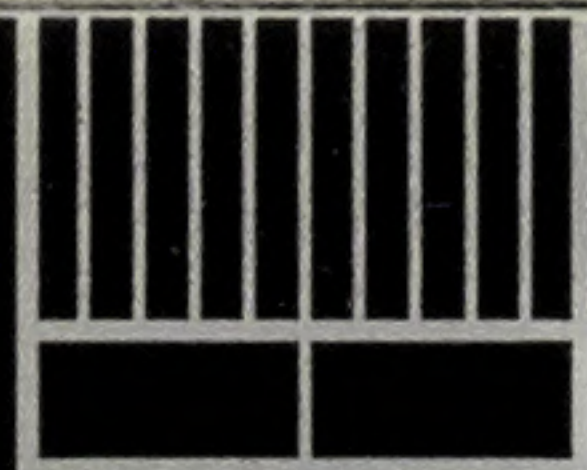


North west American  
Douglas

in Herb Hook.



This is the plant which Hooker  
described in his Flora ~~4~~ p. 78  
as *C. umbrosa* Beyer in HB. (together with  
(*Gronovii*) and is no doubt the same  
as Fremont's plant (fig 91); it is  
distinguished from *C. Gronovii* by the smaller  
flowers, deeply campanulate or rather cylindric —  
calyx and lobes, only half as large as *tricus*; anthers oval  
triangular, filament very short; scales short, often bifid  
or tricarate. —



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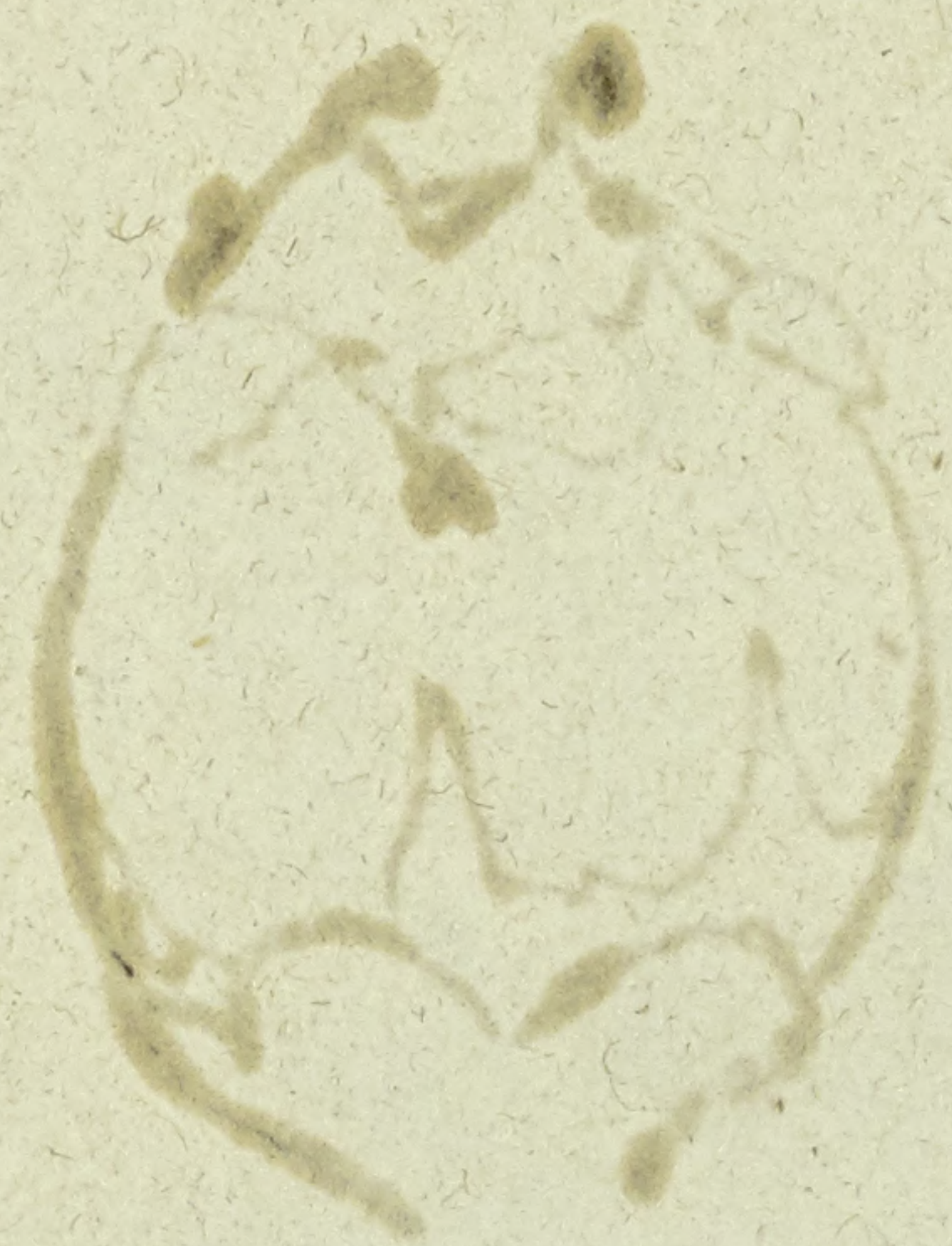


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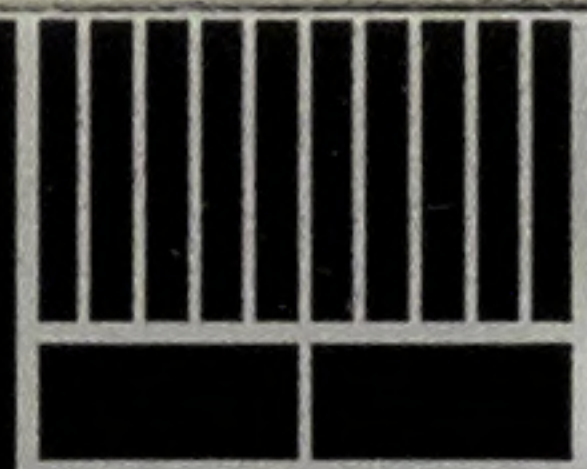


ovary with strong stylopod, styles much shorter than  
ovary; Capsule oval, surrounded or covered by  
the remains of the pericarp, which is torn loose from  
the base. —

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61

Cuscuta p. 508.

C. rostrata Shuttlew.

t. Mountains of N. Carolina C. oxyriza E  
Gay in Hb.

Enclosed 898-899



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~~C. angustata~~ Shuttles! Caroli sept. Angel  
H. Shuttles

Gray & Sellow N. Car. & Vrg.

Carter N. Carol

Brockley S. Carolin

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32 Cuscuta rostrata Shuttles! Carolina Sept Augl - H. Shuttles.  
etc

Car. sept & Virgin Sallint & Gray

Car. aust. Curti.  
Buckley.



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St Louis Nov. 1843

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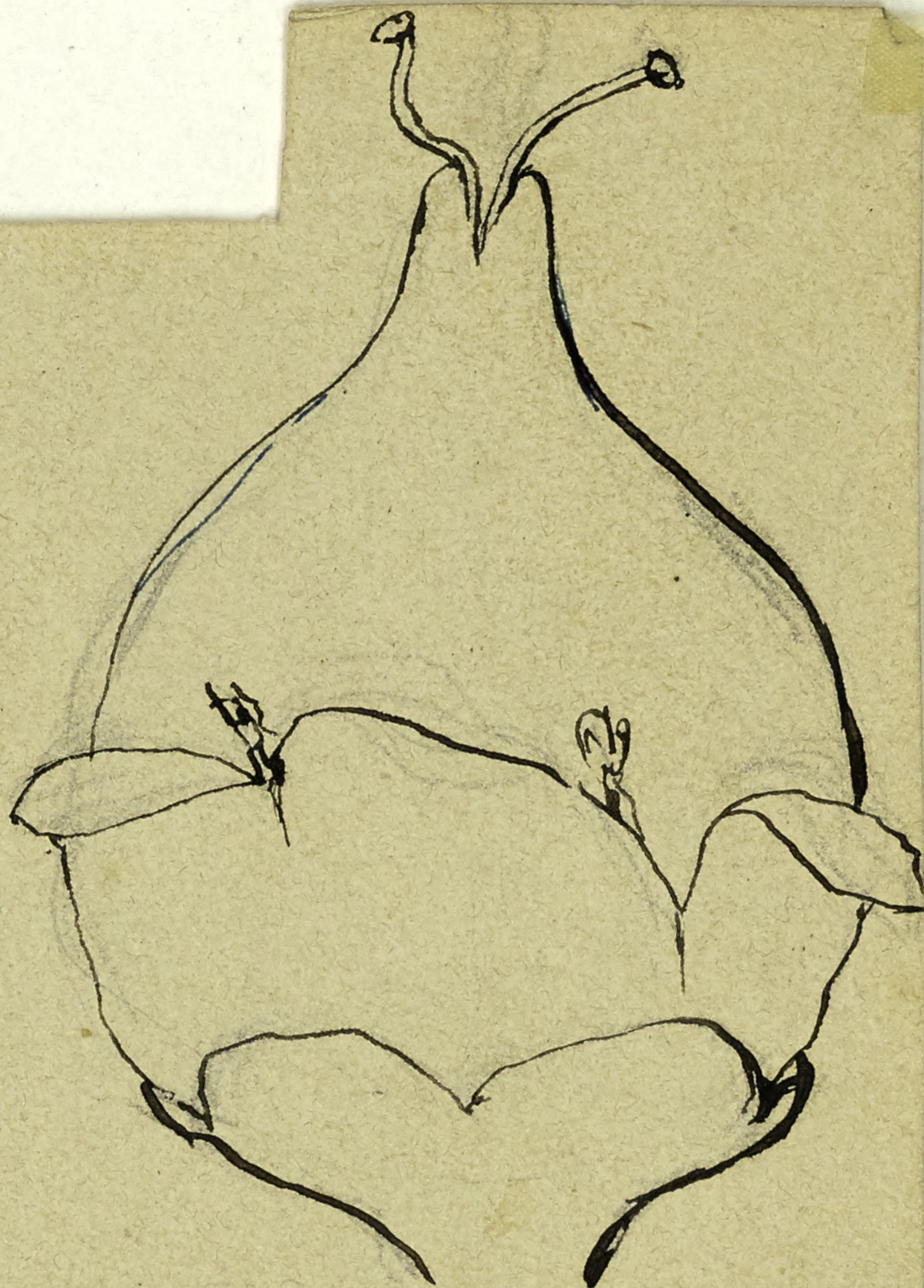
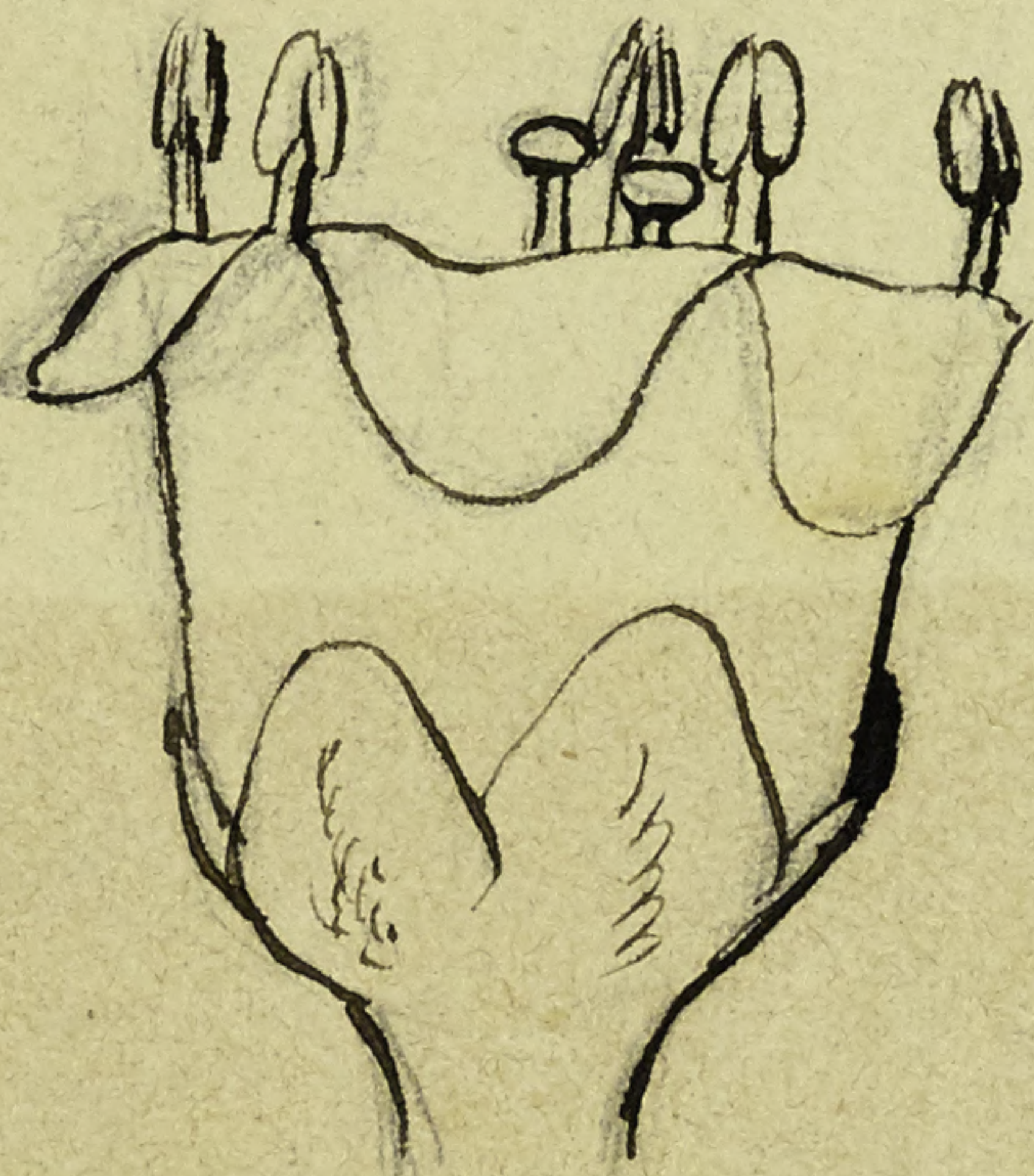
*Portulaca Schott*

*Cuscuta oxycarpa*

Mountains of N. Carolina

A Gray & W. S. Sullivan

Sept. 1843



d. 0 -  
- 1.5

kernel small (obly) linear  
transverse.



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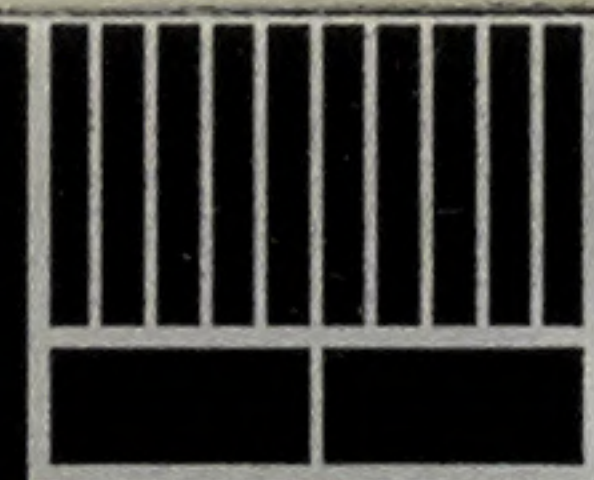


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324

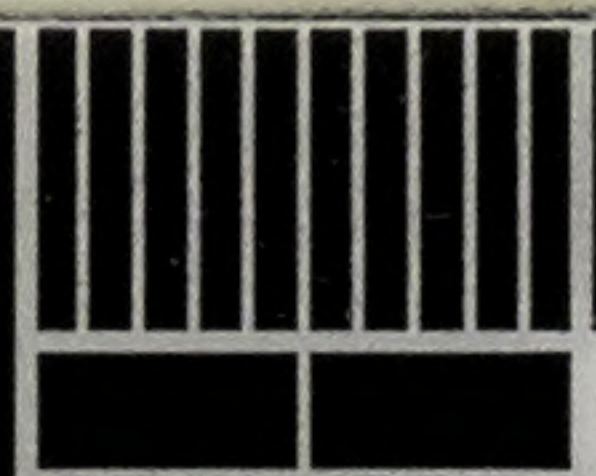
*Cass. Tasmaniae* n. sp

*C. australis* Hook fil in

*H. Tasman.* p. 278

non R. Brown

(Enclosed 500-502)



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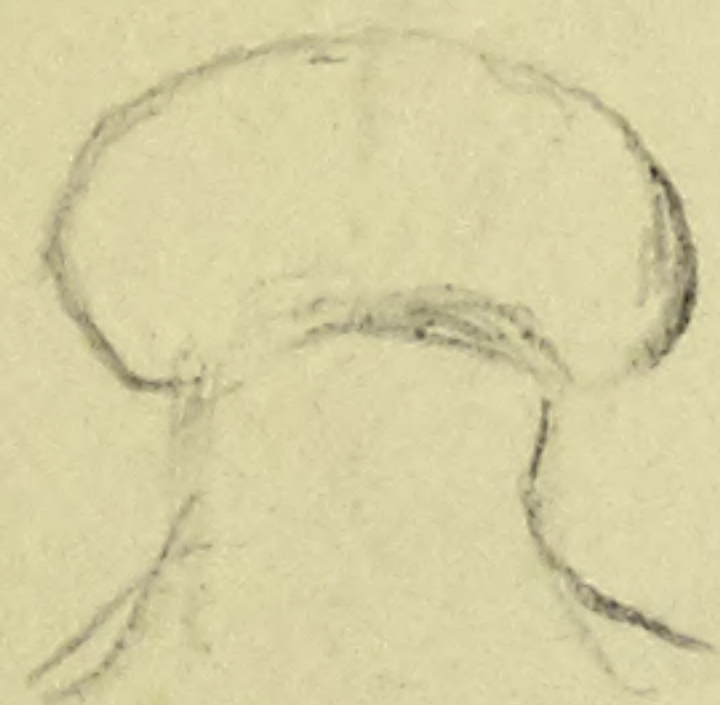


Cuscuta Tasmania

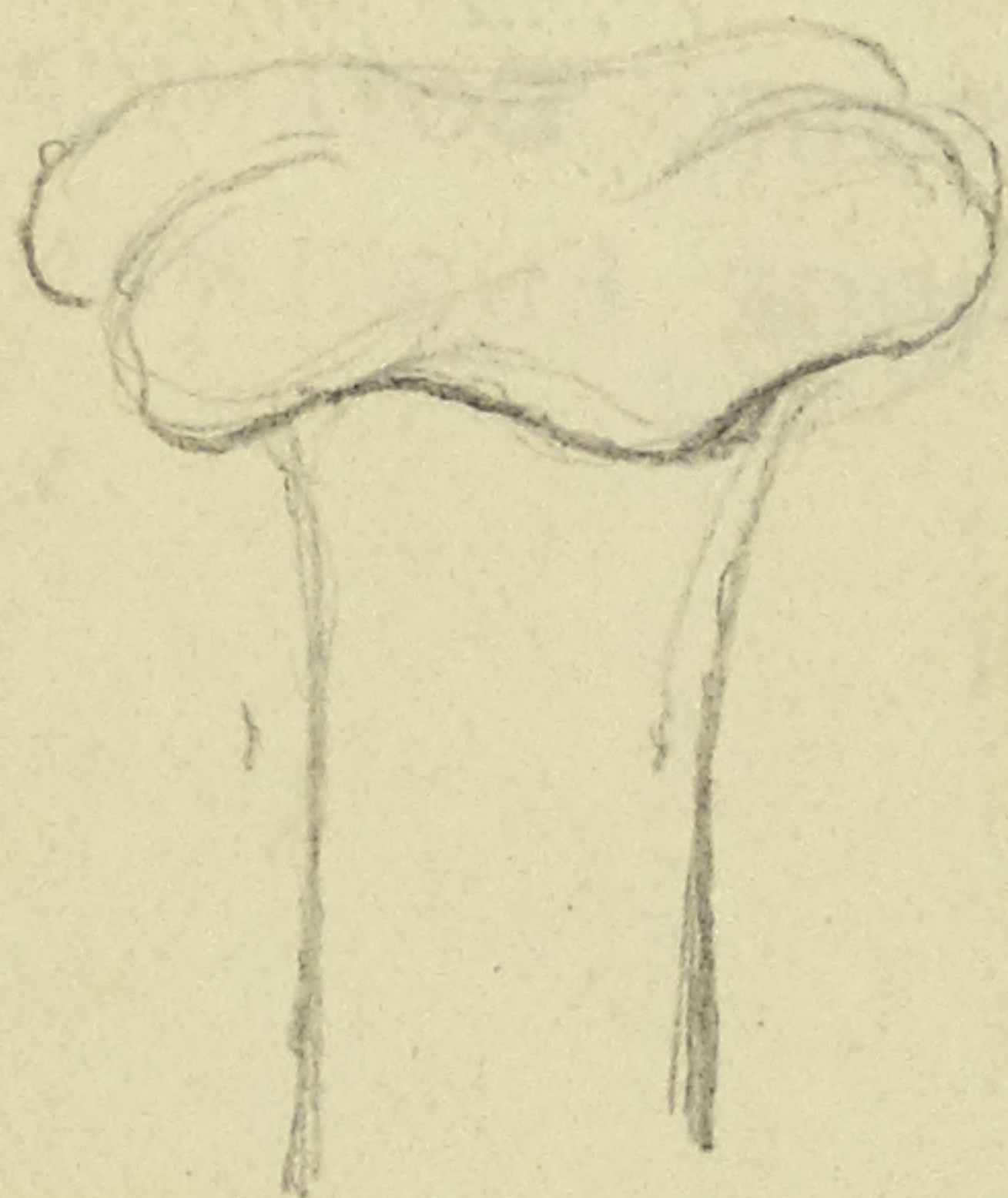
Month 26 1878

x60

ex Herb. Kew  
1878



soaked stigma  
of a very young  
bud



soaked stigma of an open  
flower

(the other stigma was similar)



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*Geo. Engelmann, M. D.,*  
No. 3003 Locust Street.



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Kew, Aug 1857

*Longistylis*  
*Curt. Tasmanica* n. sp.

No. 1991 Hobartstown

Van D. Land

Gunn

Herb Hook

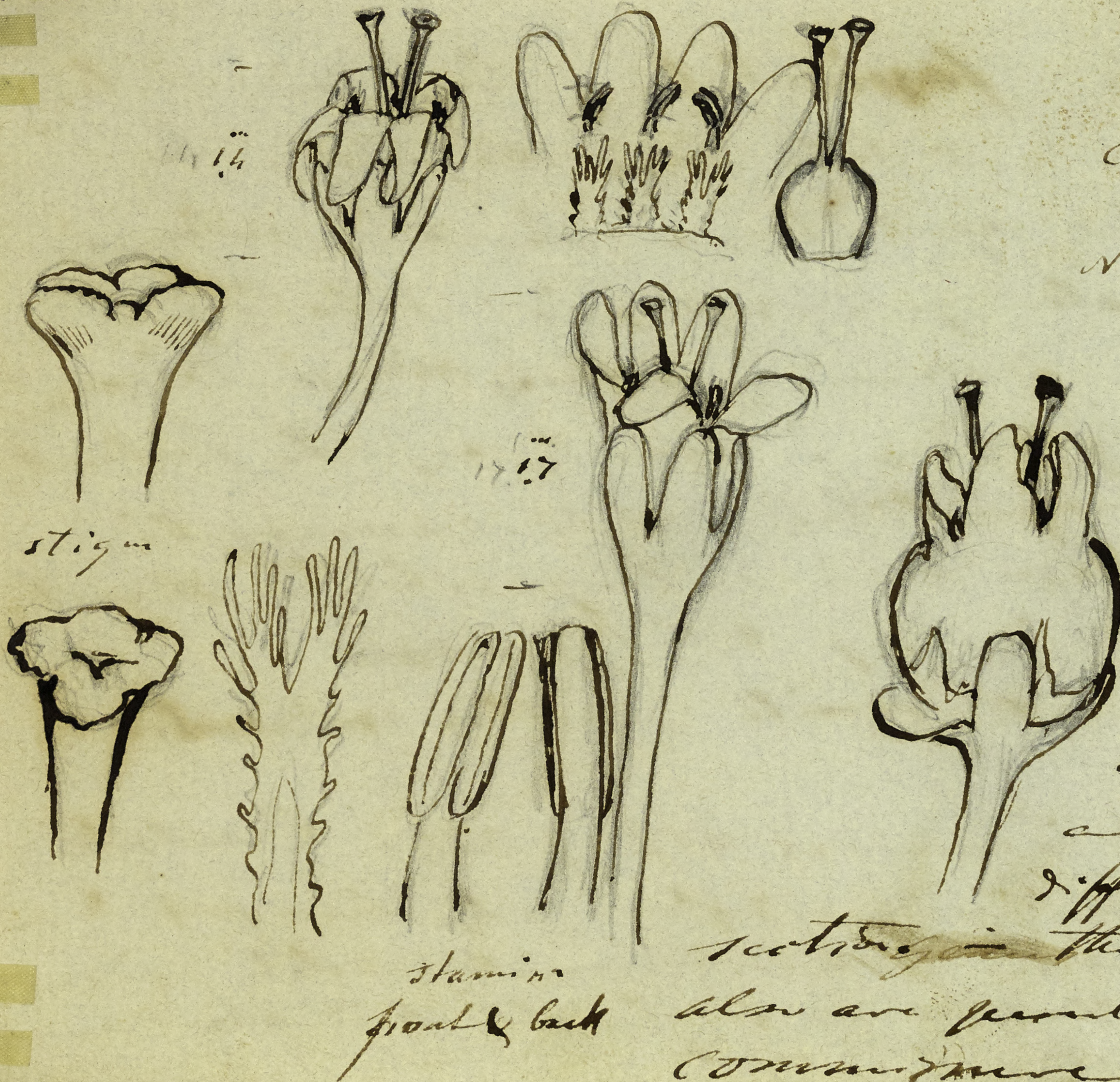
*C. australis* Hook fil in  
*H. Tasmania*, p. 278  
 This is a most

remarkable species

of quite peculiar aspect,  
 and in the stigma

differs from any other

section in this genus; the anthers  
 also are peculiar with their thick  
 connective

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floribus laxo cymosis; fasciculatis, longe pedicellatis;  
 calyce turbinate profunde 5-lobis, lobis oblongo-linearibus  
 obtusis tubo corollae aequantibus; laciniis oblongis  
 obtusis patulis s. plerumque reflexis, tubo longioribus;  
 staminibus brevibus incurvis; antheris oblongo-linearibus  
 filamentis crassis longioribus; squamis angustis fimbriatis  
 subbifidis fauce aequantibus; stylis crassiusculis  
 ovario subgloboso longe longioribus s. longioribus <sup>exsertis</sup>, stigmatibus  
 turbatis subimmersis apud caligones  
 capsula globosa lacinato acroli corollae rudimentis  
 calyptata

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Hook fil Fl. Tasmaniae 1857 p. 278: C. australis

Caulis filiformis, racemis dense congestis 4-8 floris, calyce brevi profunde 4-  
 lobis, corolla subcampanulata glandulis linearibus notata; filamentis  
 dilatatis, squamis late oblongis obtusis fimbriatis basi membranacea  
 brevissima coarctabilibus, stylis 2 stig caput.



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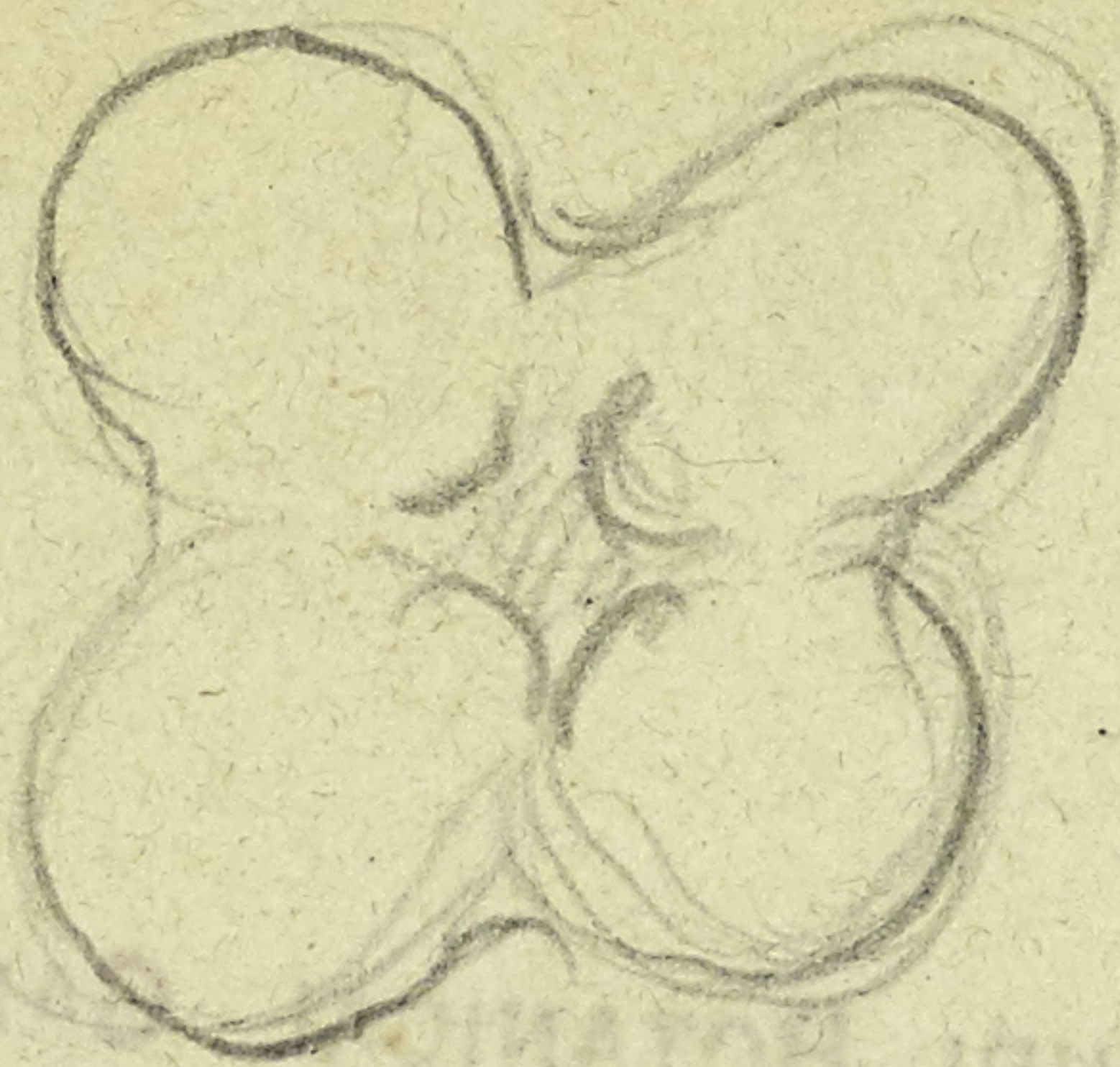
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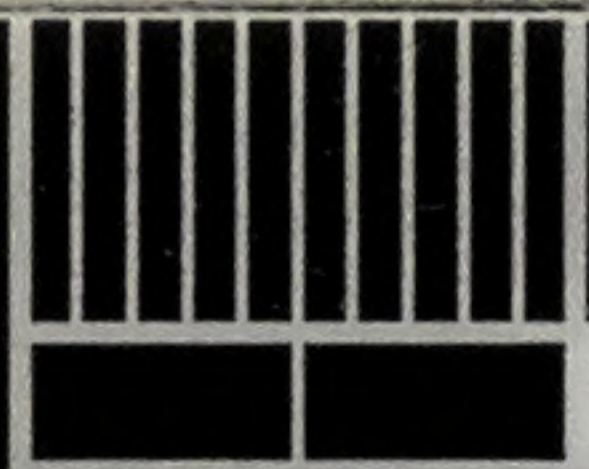
17  
7 59



top of stigma  
probable!



half grown  
capsule



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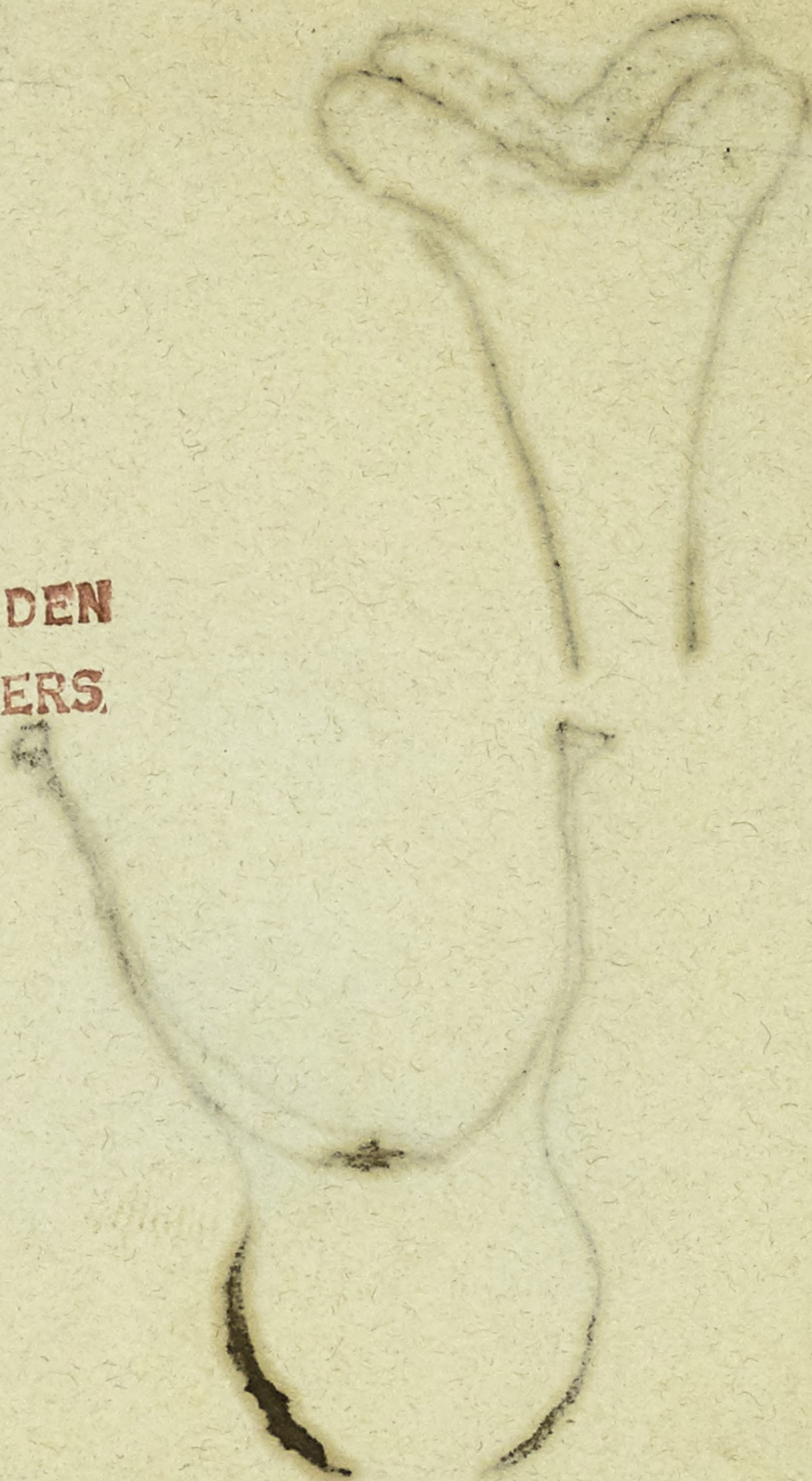
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ALEX. LEITCH,

APOTHECARY & PHARMACEUTIST,

Marble Building, Cor. Fourth & Olive Sts., St. Louis, Mo.

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Cur pag. 512  
II Grammita

7 Lobostigma

(Erroneous!)

sp. 67

Enclosed 500-502



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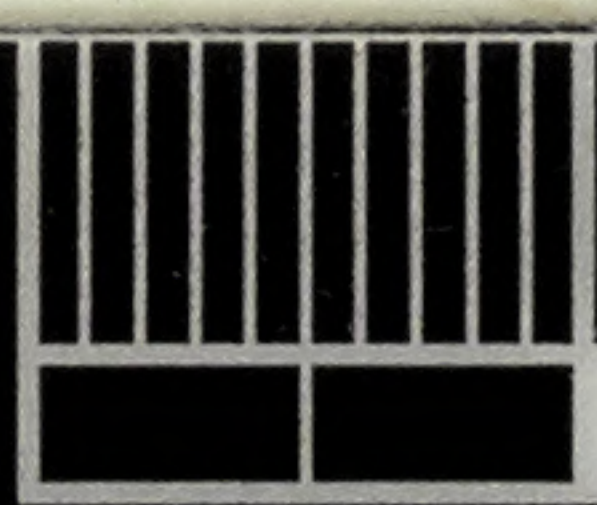


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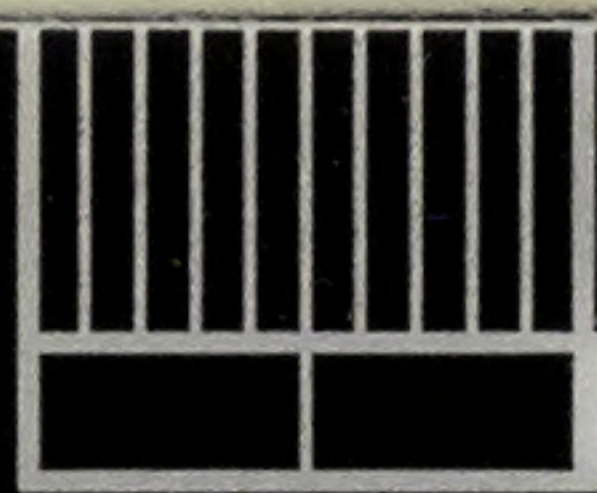
Cusc. p. 579

*II Grammica*

*e Lepidanche*

sp. 62 - 66

Enclosed 503-508



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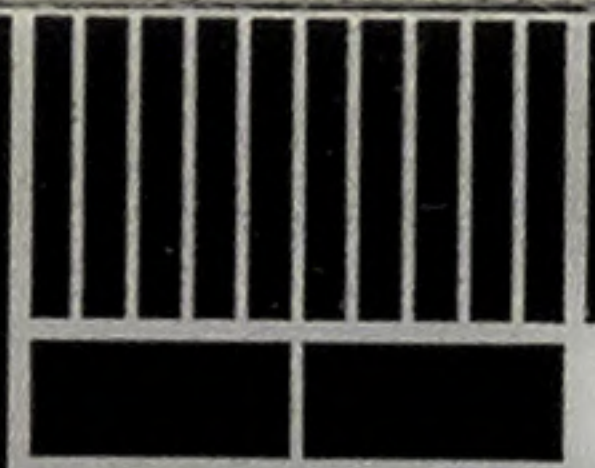
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M.B.

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C.B.L.



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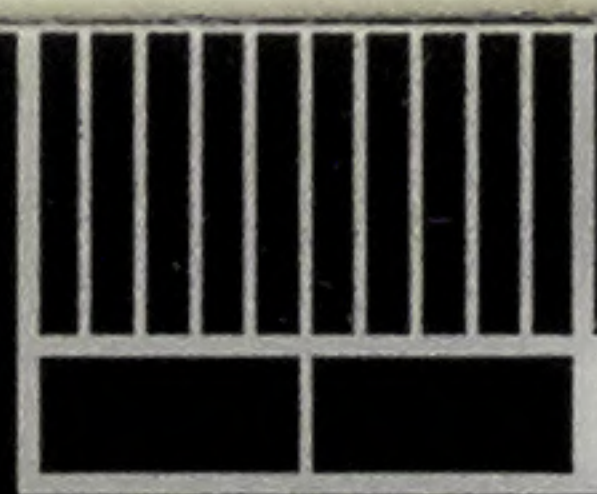
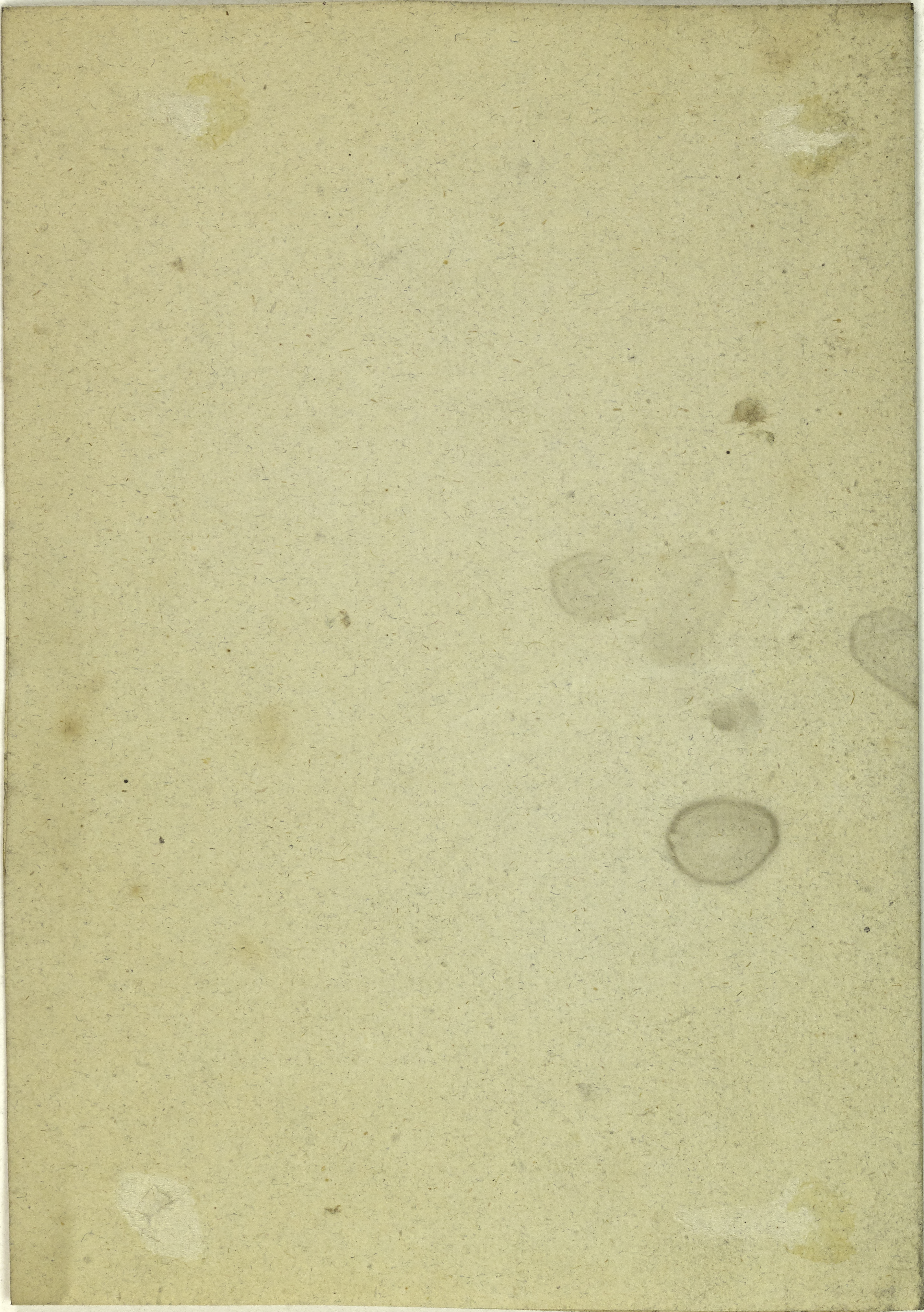
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